INTERNATIONAL SEARCH REPORT

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CLASSIFICATION OF SUBJECT MATTER PC 7 F02B37/22 F02E A. CLASS F02B37/013 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 F02B Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, PAJ, WPI Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. Category ° 1-8 US 6 073 447 A (KAWAGUCHI JUN ET AL) X 13 June 2000 (2000-06-13) column 2, line 39 - column 4, line 58; 9-15 figures 2,3 9-15 EP 0 840 000 A (ISUZU MOTORS LTD) 6 May 1998 (1998-05-06) abstract; figures PATENT ABSTRACTS OF JAPAN Α vol. 0100, no. 66 (M-461) 15 March 1986 (1986-03-15) & JP 60 212623 A (HITACHI SEISAKUSHO KK), 24 October 1985 (1985-10-24) abstract US 6 263 672 B1 (MCKINLEY STEVEN R ET AL) 24 July 2001 (2001-07-24) cited in the application Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents : *T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the International filing date but later than the priority date claimed in the art. "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 23/01/2004 16 January 2004 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fax: (+31-70) 340-3016 Sideris, M

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